



URBAN DISTRICT OF  
**PAIGNTON**

ANNUAL REPORT

*on the*

HEALTH  
OF THE AREA

. . . 1961







*Photograph by H. F. Marshall*

Municipal Offices, Oldway

URBAN DISTRICT OF PAIGNTON

ANNUAL REPORT

ON THE HEALTH OF THE AREA

FOR THE YEAR 1961

Urban District of Paignton

Annual Report on the Health of the Area for the year 1961

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PAIGNTON URBAN DISTRICT  
REPORT OF THE MEDICAL OFFICER OF HEALTH  
FOR THE YEAR 1961

p r e f a c e

Mr. Chairman, Ladies and Gentlemen,

I present herewith my Annual Report on health in Paignton for the year 1961. The Report is based upon material supplied by the Public Health Inspectors, the Engineer and Surveyor, the Water Engineer and the Housing Officer.

STATISTICS

Population

Although the preliminary census figures in 1961 indicated a population of over 30,000, the Registrar General's estimate of the mid-year population was only 28,970 persons. This represents an increase of 1,480 over his 1960 estimate. There were 213 more deaths than births, so that the estimated population increase may be attributed to a total of 1,693 people having moved into the District.

Births and Deaths

These followed the usual pattern for Paignton, and there was little variation in the totals over previous years. Cancer deaths however showed a welcome decrease from nearly 20% in 1960 to a little over 10% in 1961. But disease of the heart and circulation still caused about 60% of the deaths.

NOTIFIABLE DISEASES

Apart from an outbreak of measles in the summer, mostly amongst children but unfortunately causing the death of one adult, there were few notifications. Sporadic cases of diarrhoea and sickness did occur throughout the year, but recovered rapidly and no cause could be discovered. No cases of suspected food poisoning were notified though one holiday visitor was admitted to hospital with suspected toxin poisoning believed to have been contracted in her home town.

GENERAL HEALTH

Holiday Camps and Caterers

Routine inspections of holiday camps and catering establishments again took a great deal of time and complaints received were promptly dealt with. The effectiveness of these inspections is evident from the lack of illness and the small number of complaints notified. In August, 1961, at the height of the season there were 17,350 campers in Paignton.

## Food Inspection

These are reported in detail elsewhere in the report, but briefly slaughtering and meat inspection activities were transferred in April, to the Abattoir at Torquay and the Paignton Slaughterhouse was closed down; establishments boiling pig swill were inspected in an attempt to prevent possible spread of foot and mouth disease; further research was carried out into the bacteriological quality of crab meat, and ice cream samples were collected for bacteriological testing.

## Staff - Public Health Inspectorate

The Department welcomed the arrival in June of a newly appointed additional public health inspector, bringing the Establishment to four public health inspectors. His duties are primarily concerned with inspections of holiday camps though he also shares duties with the other inspectors.

## National Assistance Act, 1948

There were no burials under Section 50 of the above Act during 1961.

## PERSONAL HEALTH SERVICES

The Meals-on-Wheels Service, organised by the Womens' Voluntary Service went from strength to strength during the year and provided 2,400 hot meals for some of the old people in Paignton.

In December the Ministry of Housing and Local Government consented to the Paignton Council making an annual contribution of £50 to the Paignton branch of the St. John Ambulance Association in respect of services carried out by them at first aid stations on the sea fronts.

The Paignton Council also agreed to contribute the sum of £10 to the Torbay Marriage Guidance Council, under authority of Section 136 of the Local Government Act, 1948.

During the year the Devon County Council opened a new Child Welfare Clinic on two afternoons a month at Foxhole. They also re-organised the Home Help Service and appointed a full-time Home Help Organiser.

## ACKNOWLEDGEMENTS

Once again I would like to record my appreciation of the continued support received from Councillors and Staff during the year.

JOHN WILDMAN  
Medical Officer of Health.

November, 1962.



PUBLIC HEALTH DEPARTMENT - 1961

MEDICAL OFFICER OF HEALTH

JOHN H. WILDMAN, M.R.C.S.(Eng).., L.R.C.P.(Lond).., D.P.H.(Lond).

(Also Medical Officer of Health, Brixham U.D.C. and Borough of Dartmouth, and Assistant County Medical Officer, Devon County Council).

Public Health Department, Municipal Offices, Oldway, Paignton.

Telephone Office: Paignton 82214 Home: Brixham 3113

PUBLIC HEALTH INSPECTORS

S.H. BONE, Cert. S.I.E.J.B., Meat Cert., M.A.P.H.I.

Chief Public Health Inspector, Housing Officer, Explosives and Petroleum Officer.

W.D. MUGFORD, Cert. S.I.E.J.B., Meat Cert., M.A.P.H.I.

Deputy Chief Public Health Inspector.

F.C. BIDGOOD, Cert. S.I.E.J.B., Meat Cert., M.A.P.H.I.

Additional Public Health Inspector.

R. SMITH, Cert. S.I.E.J.B., Meat Cert., M.A.P.H.I. (Appointed June, 1961)

Additional Public Health Inspector.

CLERICAL

Mrs. S. BEAUMONT (M.O.H. Clerk)

Miss N. HART

Miss G. BRAUND

OTHER

C.J. TURPIN Disinfector, A.L. DOHERTY Rodent Operator and

I.J. WILLIAMS Abattoir Attendant. (Resigned April, 1961).

PUBLIC HEALTH COMMITTEE

The Chairman of the Public Health Committee for the Session 1961/62 was Councillor G.W. CORNELIUS, J.P., and the Vice-Chairman was Councillor K.G.M. Walke. Also on the Committee were Councillors E.M. Bishop, Mrs. M.B. Bolton, J. Coles, Mrs. M.I. Dixon, J.C.P. Kingsland, Mrs. E.C. Mumford, J.H. Mumford, J.P., C.C., J.S. Rundle, and A.C.Jenkins.

S E C T I O N   A

VITAL STATISTICS AND GENERAL STATISTICS 1961

TABLE 1

( Figures for 1960 are shown in brackets )

POPULATION:

Estimated Mid-Year Population of Paignton Urban District

28,970   (27,490)

Natural increase or decrease	...	...	...	- 213 (- 185)
Migration in or out	...	...	...	+ 1693 (+ 405)
Total increase or decrease	...	...	...	+ 1480 (+ 220)

GENERAL STATISTICS:

<u>Area in Acres</u>	...	...	...	5,188
Area of pleasure grounds (acres)	...	...	...	349.024
Area of foreshore (acres)	...	...	...	151.300
Length of coastline	...	...	...	4.58 miles
Coastline owned by Council	...	...	...	3.66 miles

Number of Inhabited Houses according to Rate Books

10,844   (10,525)

Number of Houses per acre	...	...	...	2.09
Number of Persons per acre	...	...	...	5.5
Number of Persons per house	...	...	...	2.6

<u>Rateable Value of District</u>	£567,496	(£548,181)
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<u>Sum Represented by a Penny Rate</u>	£2,329	(£2,264)
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# VITAL STATISTICS AND GENERAL STATISTICS 1961

TABLE 2

( Figures for 1960 are shown in brackets )

## BIRTHS

Standardised Live Birth Rate per 1,000 population 11.66 (13.48)

Area Comparability Factor for Births ... 1.09 ( 1.24)

### Number of Live Births

	<u>Male</u>	<u>Female</u>	<u>Total</u>
<u>Total</u>	153	157	310
Legitimate	141	141	282
Illegitimate	12	16	28
<u>Number of Still Births</u>	1	2	3

## DEATHS

Standardised Death Rate per 1,000 population 13.17 (10.91)

Area Comparability Factor for Deaths ... 0.73 ( 0.62)

### Number of Deaths

	<u>Male</u>	<u>Female</u>	<u>Total</u>
<u>All Ages - Total</u>	261	262	523
<u>Deaths of Infants under 1 yr.</u>	4	2	6
Number under 4 weeks of age	3	2	5
Number under 1 week of age	3	1	4

Infantile Mortality Rate per 1,000 Live Births 19.3 (20.0)

## COMPARISON WITH RATES FOR ENGLAND AND WALES

BIRTH RATE: 17.4 (17.1)

DEATH RATE: 12.0 (11.5)

Infantile Mortality Rate 21.4 (21.7)  
(Infants under 1 year of age)



PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES

NOTIFIABLE DISEASES: Cases Notified During 1961

TABLE 1

<u>DISEASE</u>	<u>TOTAL</u>	<u>Age Group in Years</u>					<u>Over 65</u>
		<u>Under 1</u>	<u>1-</u>	<u>5-</u>	<u>15-</u>	<u>25-</u>	
Scarlet Fever	4	0	0	4	0	0	0
Whooping Cough	7	1	3	3	0	0	0
Measles	310	9	136	162	1	2	0
Acute Pneumonia	6	0	0	0	0	2	4
Tuberculosis (Lungs)	9	0	2	0	0	3	4
Tuberculosis (Meninges)	1	0	0	1	0	0	0
Tuberculosis (Other)	2	0	0	0	1	1	0

TABLE 2

<u>DISEASE</u>	<u>TOTAL</u>	<u>Incidence by Quarters</u>			
		<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
Scarlet Fever	4	0	3	0	1
Whooping Cough	7	0	4	3	0
Measles	310	43	227	39	1
Acute Pneumonia	6	4	1	0	1
Tuberculosis (Lungs)	9	2	0	6	1
Tuberculosis (Meninges)	1	1	0	0	0
Tuberculosis (Other)	2	2	0	0	0

INTERNATIONAL CERTIFICATES OF VACCINATION

During the year 204 certificates of Smallpox and Cholera vaccination in respect of persons travelling abroad were authenticated by the Public Health Department.



# CAUSES OF DEATH DURING THE YEAR 1961

<u>Line No.</u>		<u>M</u>	<u>F</u>	<u>Total</u>
	ALL CAUSES ... ..	261	262	523
1	Tuberculosis, respiratory ... ..	0	2	2
2	Tuberculosis, other ... ..	0	1	1
3	Syphilitic disease ... ..	1	0	1
4	Diphtheria ... ..	0	0	0
5	Whooping Cough ... ..	0	0	0
6	Meningococcal infections ... ..	0	0	0
7	Acute Poliomyelitis ... ..	0	0	0
8	Measles ... ..	1	0	1
9	Other infective and parasitic disease	0	0	0
10	Malignant neoplasms, stomach ... ..	7	8	15
11	" " lungs, bronchus	15	2	17
12	" " breast ... ..	0	9	9
13	" " uterus ... ..	0	1	1
14	Other malignant and lymphatic neoplasms	19	18	37
15	Leukaemia, aleukaemia ... ..	0	0	0
16	Diabetes ... ..	1	5	6
17	Vascular lesions of nervous system ...	42	53	95
18	Coronary disease, angina ... ..	60	40	100
19	Hypertension with heart disease ...	4	7	11
20	Other heart disease ... ..	40	54	94
21	Other circulatory disease ... ..	8	9	17
22	Influenza ... ..	3	2	5
23	Pneumonia ... ..	12	6	18
24	Bronchitis ... ..	17	2	19
25	Other diseases of respiratory system	3	1	4
26	Ulcer of stomach and duodenum ...	3	1	4
27	Gastritis, enteritis and diarrhoea ...	0	0	0
28	Nephritis and nephrosis ... ..	0	2	2
29	Hyperplasia of prostate ... ..	3	0	3
30	Pregnancy, childbirth, abortion ...	0	0	0
31	Congenital malformations ... ..	1	3	4
32	Other defined and ill-defined diseases	16	28	44
33	Motor vehicle accidents ... ..	2	1	3
34	All other accidents ... ..	2	5	7
35	Suicide ... ..	1	2	3
36	Homicide and operations of war ...	0	0	0
(a)	Still Births ... ..	1	2	3
(b)	Deaths of infants under one week of age	3	1	4
(c)	" " " one week to four weeks of age	0	1	1
(d)	" " " four weeks to one year of age	1	0	1

## S E C T I O N   B

### GENERAL PROVISION OF HEALTH SERVICES FOR PAIGNTON - 1961

#### LABORATORY SERVICE

Laboratory facilities for the bacteriological examination of pathological specimens, samples of milk, water, ice cream and shell fish, are provided by the Public Health Laboratory Service at Bradninch Place, Gandy Street, Exeter. (Telephone: Exeter 54959).

In emergency, certain (medical) specimens can be examined at the Laboratory of the Torbay Hospital, Torquay.

The chemical analysis of water and other samples is undertaken by Dr. Cedric V. Reynolds, Public Analyst, 1 Barnfield Crescent, Exeter. (Telephone: Exeter 72836).

#### COUNTY COUNCIL HEALTH SERVICES

The following are some of the County Council Services available under the National Health Service Act, 1946. Full details can be obtained from the County Medical Officer, Medical Department, 45 St. Davids Hill, Exeter.

#### Home Nursing, Midwifery, Health Visiting and Welfare Centres

There are six District Nurse/Midwives, three Health Visitors and a Nursing Assistant. Child Welfare Sessions are held at 14 Midvale Road, Paignton (Telephone: Paignton 59131) on Tuesday and Thursday afternoons; at the Baptist Church Hall, Preston, Paignton, on Wednesday afternoons, and on the first and third Tuesday afternoons at the Baptist Church Hall, Smallcombe Road, Foxhole, Paignton.

#### Vaccinations, Diphtheria, Whooping Cough, Tetanus and Poliomyelitis Immunisations

A Medical Officer at the Welfare Centres, will vaccinate or immunise babies at the request of parents. Family Doctors will also provide this prophylaxis free of charge.

#### Home and Domestic Help Service

The Devon County Council have appointed a full-time Home Help Organiser with an office at the Central Clinic, 14 Midvale Road, Paignton (Telephone: Paignton 59131).

This service aims to provide essential domestic help in cases of maternity, sickness, convalescence, old age and infirmity. The service is not free, but persons if unable to pay the full charges, are assessed according to their means.



### Ambulance Service

The Service is under the general direction of the County Medical Officer, but the local administration is carried out by the Paignton St. John Ambulance and Nursing Brigade, under an agency agreement with the Devon County Council.

Since the Summer of 1961 a Radio Control Centre for the Ambulance Service was opened and doctors requiring an ambulance are advised to telephone this Centre at Torquay 89345. However it is still permissible to telephone the local Ambulance Station at Littlegate Road, Paignton. (Telephone 57602).

For infectious disease other than smallpox, ambulance arrangements are still made by the Torbay Hospital Annexe (Telephone: Torquay 63276), for cases entering the Hospital from the Paignton area.

Special arrangements exist for the treatment of smallpox at Upton Pyne Smallpox Hospital, Exeter. Arrangements for transport of such cases are made through Whipton Isolation Hospital, Exeter (Telephone Exeter 67158).

### Hospital Car Service

The Hospital Car Service (organised by the S.J.A.B., B.R.C.S., and W.V.S.) operates under an agency agreement with the Devon County Council. It transports sitting cases who can enter or leave a vehicle unaided. Arrangements for a hospital car will be made by the hospital, upon application by a Medical practitioner.

### Mental Health

Arrangements for mental treatment on the recommendation of a Medical Practitioner are made by the Duly Authorised Officers, Miss O.F. Evans and Mr. W.J. Gliddon, Central Clinic, 14 Midvale Road, Paignton, (Telephone 59131).

### HOSPITAL SERVICES

These are provided by the Torquay and District Hospital Management Committee on behalf of the South-Western Regional Hospital Board.

The Paignton and District Hospital, situated at Church Street, Paignton, is a General Hospital with an establishment of 50 beds.

There is a Recovery Hospital with 24 beds at Kings Ash, Paignton, with a General Practitioner Staff (as for Paignton Hospital).

The District is also served for general cases by the Torbay Hospital, Torquay, whilst cases of infectious disease (except smallpox) are received at the Torbay Hospital Annexe, Torquay.

## MEDICAL AND DENTAL SERVICES

There are 21 General Medical Practitioners together with 12 Dentists and a School Dental Clinic in Paignton.

## OTHER SERVICES

### Nurseries

There are two Nurseries in the District. One, a Resident Nursery, is run privately by Miss Hooper, and situated at 5 Roundham Road, Paignton (Telephone Paignton 57672). The second Nursery is a Day Nursery, situated at the rear of Lower Polsham Road, and is administered by the Paignton Guild of Social Service. The Superintendent is Mrs. J. Bewley.

### Old People's Welfare

This service provides a Rest Centre, an Old Peoples Home two Old Peoples Clubs, Friendly Visitors and clothing. During 1961 there was also a Chiropody Service. A Meals-on-Wheels Service is organised by the Women's Voluntary Service. Further details may be obtained from the organisations concerned or through the Paignton Guild of Social Service (Telephone Paignton 57604).

### Citizens' Advice Bureau

Sessions are held at the Rest Centre, Bishop's Place, Paignton, from 10 a.m. to 12 noon and 2 p.m. to 4 p.m. daily, except at week-ends. Facilities for Marriage Guidance can be arranged.

### Infertility and Family Planning Clinics

Clinic sessions at the Central Clinic, 14 Midvale Road, Paignton, are held regularly by the Torbay Branch of the Family Planning Association. Interviews are arranged by appointment. (Telephone Paignton 83343, between 9 and 10 a.m.)



## SECTION C

### SANITARY CIRCUMSTANCES OF THE AREA

#### WATER SUPPLY

##### Source of Supply

The water supply to the Paignton Statutory Area is obtained from the two moorland catchment areas, known as Holne and Swincombe. Holne is an impounding reservoir of a capacity of 190,000,000 gallons and Swincombe is a river intake which is piped to Holne via a 24" diameter bitumen lined steel main.

##### Treatment

The water is filtered at Holne Treatment Works through 24 vertical Candy pressure filters and is then treated by chlorine and pH correction before being piped by two trunk mains to the Paignton service reservoirs which are as follows:-

<u>Site</u>	<u>Height above Sea Level</u>	<u>Capacity Gallons</u>
St. Mary's	345 ft.	300,000
Beacon Hill	612 ft.	600,000
Windmill	510 ft.	1,000,000
Fernicombe	325 ft.	1,000,000
Alston	345 ft.	1,500,000

The trunk mains also distribute water in bulk to the South Devon Water Board, the Urban Districts of Brixham, Teignmouth and the Rural District of Newton Abbot.

Approximately 99.7% of the population are supplied with water direct to the houses, and there are no standpipes. A total of 319 new houses was connected to the mains and there are now 141 miles 196 yards of water mains, an increase of 4 miles 96 yards since the previous year.

##### Quantity

In order to maintain an adequate level at Holne Reservoir, 91 million gallons of water were purchased from the Plymouth Corporation during the summer months. This water was obtained from the Devonport Leat near Princetown via the Swincombe River. The trunk mains' capacity at present in existence from Holne to Paignton is not sufficient to meet present summer demands and to alleviate this, the South Devon Water Board completed laying a 15" diameter

trunk main from True Street, Totnes, to Paignton. This new main enabled Paignton and bulk supply consumers to receive a further 53 million gallons of water.

It is hoped that in 1962 the South Devon Water Board will have completed their River Dart abstraction scheme above Totnes Weir and that at least one million gallons of water a day will be available to Paignton thus making all restrictions on the use of water a thing of the past.

## Quality

### Bacteriological

No samples of raw water were collected during 1961, but 21 samples of treated water were examined bacteriologically and were all found to be excellent (Class I).

According to the Ministry of Health's publication on "Public Health and Medical Subjects", it is stated that throughout the year 50 per cent of samples should fall into Class I. 80 per cent should not fall below Class II and the remainder should not fall below Class III.

### Chemical

The results of chemical analyses of samples of Paignton water supplies are set out below. They show that the chemical quality of the raw waters and the treated waters is satisfactory.

#### (a) RAW WATER Samples (August, 1961)

	<u>Swincombe</u> <u>Intake Works</u>	<u>Holne</u> <u>Reservoir</u>	<u>Great Parks</u> <u>Reservoir</u>
<u>Description of</u> <u>Sample</u>	Moorland Catchment Area	Moorland Catchment Area	Land Spring
<u>Colour</u>	Yellow tint	Yellow tint	Green tint
<u>Turbidity</u>	Clear	Slightly turbid	Clear
<u>Taste</u>	Natural	Natural	Natural
<u>Odour</u>	None	None	None
<u>Suspended Matter</u>	Trace of humus of Vegetation	Sand and humus of Vegetation, Diatoms and Infusorians	Mineral and Vegetable debris, Diatoms Infusorians and Algal filaments

RAW WATER chemical results in parts per million (August, 1961)

	<u>Swincombe Intake Works</u>	<u>Holne Reservoir</u>	<u>Great Parks Reservoir</u>
Chlorine as Chlorides	9.0	9.0	25.0
Nitrogen as Nitrites	0.0	0.0	Trace
Nitrogen as Nitrates .	0.0	0.0	0.52
Phosphates	0.0	0.0	0.0
Sulphates	-	-	-
Free Carbon Dioxide	-	-	-
Total Hardness equivalent to Calcium Carbonate	20.0	23.0	192.0
Temporary Hardness (annulled by boiling)	5.0	5.0	135.0
Permanent Hardness (not altered by boiling)	15.0	18.0	57.0
Saline Ammonia	0.0	0.0	0.044
Albuminoid Ammonia	0.064	0.044	0.080
Oxygen absorbed in 4 hours at 27°C	1.85	2.35	0.8
Oxygen absorbed immediately	-	-	-
Metals	Absent	Absent	Absent
Total Solid Constituents	50.0	45.0	280.0
Hydrogen Ion Concentration equivalent to pH	6.2	6.2	8.2
	This water is plumbo- solvent	This water is plumbo- solvent	This water is plumbo- solvent



(b) TREATED WATER Samples (October/November, 1961)

<u>Description of Sample</u>	<u>St. Mary's Reservoir</u> <u>October, 1961</u>	<u>St. Mary's Reservoir</u> <u>November, 1961</u>
	Treated water, lime and chlorine	Treated water, lime and chlorine
<u>Colour</u>	Yellow tint	Green tint
<u>Turbidity</u>	Clear	Clear
<u>Taste</u>	Natural	Natural
<u>Odour</u>	None	None
<u>Suspended Matter</u>	Trace of humus of vegetation	Unimportant

TREATED WATER chemical results in parts per million (October/November, 1961)

	<u>St. Mary's Reservoir</u> <u>October, 1961</u>	<u>St. Mary's Reservoir</u> <u>November, 1961</u>
Chlorine as Chlorides	10.0	11.0
Nitrogen as Nitrites	0.0	0.0
Nitrogen as Nitrates	0.0	0.0
Phosphates	0.0	0.0
Sulphates	-	-
Free Carbon Dioxide	-	-
Total Hardness equivalent to Calcium Carbonate	27.0	30.0
Temporary Hardness (annulled by boiling)	6.0	8.0
Permanent Hardness (not altered by boiling)	21.0	22.0
Saline Ammonia	0.012	0.004
Albuminoid Ammonia	0.060	0.042
Oxygen absorbed in 4 hours at 27°C	1.8	1.0
Oxygen absorbed immediately	-	-
Metals	Absent	Absent
Total Solid Constituents	50.0	50.0



TREATED WATER chemical results in parts per million, continued

	<u>St. Mary's Reservoir</u> <u>October, 1961</u>	<u>St. Mary's Reservoir</u> <u>November, 1961</u>
Organic matter observed in igniting the solid Constituents	Trace	Slight trace
Hydrogen Ion Concentration equivalent to pH	7.3	8.2
	This water is non- plumbo-solvent	This water is non- plumbo-solvent

Maintenance of Plant

During the year twelve of the twentyfour filters were reserviced and all corroded parts were replaced.

Where leaks occurred on service pipes, the pipes were renewed, and through this action the older installations are gradually being replaced.

Detection of Waste

During 1961, the Department has installed an improved system of waste detection and prevention by means of "Palatine" and "Kent" waste meters. As a result, it is estimated that the wastage of water due to leaks has been cut from 35 per cent to 15 per cent.

DRAINAGE AND SEWAGE DISPOSAL

Refuse Collection and Disposal

Household refuse is collected weekly, free of charge.

A charge is made for the collection of trade refuse and any additional collection from private households.

During the year 13,468 tons of refuse were collected and disposed of by controlled tipping at the Ridgeway Tip, until the end of June, 1961, after which a new tip was opened at Clemmon Valley following completion of all the preparatory work, the provision of sheds and a bridge over the dyke.

The Ridgeway Tip was handed back to the owners. The use of part of the Clennon Valley for Controlled Tipping of refuse is part of a long term scheme to reclaim land which will ultimately be utilised for sporting facilities.

#### Sewage Disposal

Sewage flows to the sewage pumping station in the Clennon Valley, whence it is pumped into a trunk sewer which discharges into the English Channel off Sharkham Point, Brixham (outside Torbay).

#### Storm Water and Flooding

As a result of a heavy storm on 5th and 6th October, 1961, extensive flooding occurred in various parts of the District. Sixteen roads and a number of properties were affected. A recording rain-gauge showed, on one occasion, that a quarter of an inch of rain fell in ten minutes, giving an equivalent intensity of rainfall of one and half inches per hour.

#### Storm Water and New Main Drainage Contract

A new scheme to augment the size of the storm water sewers, and also to improve certain foul sewers was commenced on July 10th 1961. The entire scheme, which is divided into three separate contracts is expected to take nearly four years to complete, and will it is anticipated obviate persistent flooding of parts of the town after heavy storms. Work commenced at the sea front and at the harbour. An exceptionally severe gale before and during Christmas 1961, delayed progress and caused some damage in relation to the work.

#### Public Conveniences

The newly constructed public conveniences in Oldway drive and at Smallcombe Road were opened during February, 1961.

The Council also invited tenders for the construction of public conveniences at the Clennon Valley. The proposed conveniences will occupy a central position in the block of buildings that will ultimately comprise the main entrance to the sports arena.

#### Septic Tank Nuisance at Goodrington

It is planned to abate a nuisance from an overloaded septic tank draining a group of properties at Goodrington, by pumping the sewage into the Council's main sewer.

## PUBLIC HEALTH

### Drainage and Sewerage Inspections

346 houses and flats (including Council premises) were completed during the year and considerable time was given to the supervision of the design and construction of drainage systems. The tests and inspections carried out are classified as follows:-

#### New Buildings

Sewer connections inspected ...	114
Tests of drainage ...	713

#### Existing Buildings

Sewer connections inspected ...	3
Tests of drainage ...	147

### Choked Drains

Informal action was taken in 92 instances to secure clearance of drainage obstructions.

The Council does not undertake to clear drainage stoppages, and owners are advised to make private arrangements with local building contractors. It is not always appreciated by house owners that their responsibility does not end at the boundary, but extends to the junction with the sewer.

### Disinfection and Disinfestation

259 rooms, involving 83 premises, were treated for the following reasons:-

Notifiable Diseases	1
New Tenancies	38
Flies	12
Fleas	8
Beetles	14
Other Causes	10

15 articles were treated as follows:-

Mattresses	7
Pillows	6
Library Books	2



### Camping Sites

54 sites were occupied during the year by tents, caravans, chalets and other buildings of short lived materials there being an increase of three sites since the previous year. 340 visits were made to the camping sites during the year.

Where required under the Caravan Sites and Control of Development Act, 1960, reductions in the number of caravans on some of the sites are being made and a record has also been made during the year of any extensions of existing camps and the opening of new fields for camping purpose.

A Public Enquiry was held at Oldway in September, 1961, with regard to one of the camping sites, the result of the enquiry being expected early in 1962. There are still several appeals outstanding under the Caravan Sites and Control of Development Act, 1960 and it is understood that the Minister of Housing and Local Government is attempting to deal with such matters as early as possible.

Plans for improvements at a number of the holiday camps and camping sites were approved and sanitary accommodation was increased at seven sites including the installation of a septic tank.

A survey made during the first two weeks in August gave the following figures:-

	<u>1960</u>	<u>1961</u>
Number of Campers	14,650	17,350
Number of Caravans	<u>2,233</u>	<u>2,468</u>
Number of Huts and Chalets	738	767
Number of Tents	<u>1,337</u>	<u>1,819</u>
TOTAL	<u>4,308</u>	<u>5,054</u>

### Swimming Pools

There are 4 privately owned swimming pools in the Urban area; three are located at holiday camps and one at a private school.

Filtration and chlorination plants are installed at the 4 pools.

27 samples were taken during the year, 24 of which proved satisfactory.

### Old Metal or Marine Store Dealers

5 persons are registered as Dealers in Old Metal under Section 86 of The Public Health Acts Amendment Act, 1907.





*Photograph by H. Tempest (Cardiff) Ltd.*

Aerial View showing Holiday Camps



PREVENTION OF DAMAGE BY PESTS ACT, 1949

Rodent Control

In accordance with the instructions issued by the Infestation Control Division of the Ministry of Agriculture, Fisheries and Food, ten per cent of the sewers in the District are test-baited annually. From evidence based on the results of this test two maintenance tests were carried out in the early spring and autumn.

The tests emphasise that very few rats are to be found in the sewers in the elevated parts of the town. Takes were recorded in the sewers in the low-lying parts and although it does not seem possible to eradicate the rats completely from this area, there is no evidence to show that their numbers are increasing.

Treatments to private houses were free of charge, but a charge is made for treating business premises.

The following Table summarises the incidence of infestation and action taken and is based on returns submitted to the Minister of Agriculture, Fisheries and Food.

	<u>Council Premises</u>	<u>Dwelling Houses</u>	<u>Business Premises</u>	<u>Agricul- tural</u>	<u>TOTAL</u>
No. Properties Inspected	54	720	183	4	961
No. infested with Rats	9	408	22	0	439
No. infested with Mice	1	9	5	0	15
No. Properties treated	10	417	27	0	454

A total of 127 block control schemes was carried out.

Wasp Nests

115 wasp nests were destroyed.



## HOUSING ACTS

### HOUSING REPAIRS AND RENTS ACT

#### Inspections

A total of 149 premises were inspected for housing defects or statutory nuisances under the Housing Acts or Public Health Act, and 49 notices were served. The number of inspections made for this purpose was 195. In every case the work was carried out following the service of an Informal Notice.

Demolition Orders were made in respect of three premises during the year and the Council purchased an unfit house. An undertaking was given to render one house fit for human habitation. Three persons were rehoused from condemned property.

### HOUSING PROGRESS DURING 1961

The Housing Officer has supplied information on which the following report on Council Houses is based:-

#### Council Houses

The final 26 houses in scheme V (Foxhole Estate) were completed in Pimm Road and Belfield Road, and 19 flatlets at Flemons Court, St. Michael's Road were occupied during August and September, (See photograph); these flatlets are bed-sitting room types with separate kitchen, and bathroom-toilet. They were constructed at a cost of £25,000 and named after Mrs. E.A. Flemons, who had retired from the Council after being Chairman of the Housing Committee for nine years.

Vacancies during the year amounted to twentynine and together with the forty-five new dwellings, enabled sixtynine families to be rehoused from the housing list. (The remainder overlapped into 1962). Forty families were also transferred to more suitable accommodation.

Allocations were made for the following reasons:-

	<u>Families</u>
Overcrowded conditions	13
Unsuitable conditions	22
Health reasons	5
Landlord and Tenant Act evictions	5
Demolition or Closing Orders	3
Notice to quit	13
Key workers	2
Miscellaneous reasons	6





*Photograph by S. H. Bone*

Flemons Court Old People's Flatlets



## Housing Estates

Number of pre-war Council houses	393
Number of houses on Foxhole Estate	337
Number of maisonettes on Foxhole Estate	12
Number of flats on Foxhole Estate	308
Number of houses on other Estates	198

Twentyone new garages were built in Pembroke Road, bringing the total garages on the Foxhole Estate to 45.

House rents are calculated on a fifty week year, rent holiday weeks being at August Bank Holiday and Christmas. Average inclusive rents range from £1. 5s. 9d. to £2. 3s. 8d. per week.

The Housing Officer made 523 visits in connection with local applications for Council houses, and three visits were made on behalf of other local authorities. Also 501 interviews were held with applicants for Council accommodation.

## Housing Waiting List

At the 31st December, 1961, there were 228 applicants on the general list, and 146 applicants on the pensioners list, making a total of 374 applications.

## Private Enterprise Houses

A total of 301 houses was built by private enterprise during 1961.

## INSPECTION AND SUPERVISION OF FOOD

### Milk Supply

The Special Designated Milks on sale in the area are Tuberculin Tested and Pasteurised. Sterilised Milk is not retailed in Paignton.

The Milk (Special Designation) Regulations, 1960, came into force on the 1st January, 1961, when the authority for granting dealers licences passed from the Council to the Devon County Council. This transfer marked the end of the Council's connection with the administration of the milk supply.

### Ice Cream

There are 121 vendors and 5 manufacturers registered for the sale or manufacture of ice cream. The types of premises retailing this commodity are as follows:-



Grocers	28	Holiday Camp Shops	10
Greengrocers/Fruiterers	12	Garage Sales Shops	2
Confectioners	52	Restaurants	23
General Stores	3	Snack Bars	10
Kiosks	13	Cinemas	3
Multiple Store	1	Theatres	2

Of the 5 ice cream manufacturers 2 manufacture by hot mix, and 3 by cold mix.

### Samples

96 samples of ice cream were bacteriologically tested.

The following table gives the results, and compares them with the results of samples taken during the previous year:-

<u>Year</u>	<u>Total number of Samples</u>	<u>Percentage of Samples in Provisional Grade</u>			
		1	2	3	4
1960	98	65.8	21.6	3.3	9.3
1961	96	54.2	27.1	14.6	4.1

### Note:

Owing to the numerous factors governing the hygienic quality of ice cream it is unwise to pay too much attention to the bacteriological results on any single sample. Judgement should be based rather on a series of samples. It is suggested that over a six-monthly period, 50% of a vendor's samples should fall into Grade 1, 80% into Grades 1 or 2, not more than 20% into Grade 3, and none into Grade 4.

### Slaughtering and Meat Inspection

Following the acceptance of the slaughterhouse report by the Minister all slaughtering for the area was transferred on the 1st April, 1961, from the Council's slaughterhouse at Luscombe Road to the Torquay Borough Council Abattoir. The Public Health Inspectors carry out inspection duties twice weekly (Mondays and Thursdays) at the Abattoir and the system has worked very satisfactorily.

Details of carcasses and offals inspected and condemned at Paignton prior to the 1st April are shown in the following table.

	<u>Cattle</u> <u>(excl.</u> <u>Cows</u>	<u>Cows</u>	<u>Calves</u>	<u>Sheep</u> <u>and</u> <u>Lambs</u>	<u>Pigs</u>
Number Killed	123	2	24	433	117
Number inspected	123	2	24	433	117
All diseases except Tuberculosis and Cysticerci:-					
Whole carcase condemned	0	0	0	3	1
Part carcase or organ condemned	29	0	0	21	11
Percentage affected	23.57	0	0	5.54	10.26
Tuberculosis only:-					
Whole carcase condemned	0	0	0	0	0
Part carcase or organ condemned	0	0	0	0	1
Percentage affected with Tuberculosis	0	0	0	0	0.85
Cysticerosis:-					
Part carcase or organ condemned	2	0	0	0	0
Treated by refrigeration	2	0	0	0	0
Percentage affected with Cysticerosis	1.62	0	0	0	0

The total weight of meat condemned at the slaughterhouse was 6 cwt.  
1 qr. 9 lb.

#### Slaughtermen

There were three persons licensed to act as slaughtermen under the  
Slaughter of Animals Act, 1958.

#### Other Unsound Food

Food surrendered by retailers as being unfit for human consumption  
is listed as follows:

### Canned and Preserved Food

Meat	243 tins	Meat Pudding	2 tins
Fish	64 tins	Chicken	1 tin
Vegetables	257 tins	Flour	1 bag
Fruit	642 tins	Cereals	11 packets
Preserves	26 tins	Pickles	2 jars
Soup	23 tins	Biscuits	13 packets
Milk	99 tins	Coffee	1 jar
Cream	8 tins	Orange Squash	12 tins
Spaghetti	1 tin	Suet	1 packet
Milk Puddings	30 tins	Meat Paste	1 jar
Drinking Chocolate	1 tin	Preserves	32 jars

### Other Foods

Apples	Cake
Grapefruit	Veal and Ham Pie
Tomatoes	Sugar
Oranges	Fish
Chicken	Sausages

The total weight of all foodstuffs condemned was 1 ton. 9 cwt. 1 qtr. 3 lb. 2 $\frac{3}{4}$  ozs; and 7 gallons. 1 $\frac{1}{4}$  pints.

### Disposal of Condemned Food

Until April, 1961, all condemned meat from the slaughterhouse was disposed of to a by-products manufacturing firm, who arranged for the transport.

Other condemned foodstuffs are disposed of under supervision at the Council's refuse tip.

### Food samples sent for analysis

The Public Health Inspector of the Devon County Council, in accordance with the authority given by the Food and Drugs Act, 1955, caused the following samples to be analysed



Cocoa  
Tea (2 samples)  
Milk Chocolate  
Milk (16 samples)  
Cake with Cream  
Strawberry Jam  
British Sherry  
Lemon Squash  
Blackcurrant Pastilles  
Brown Ale  
Ice Cream

Whisky  
Savoury Minced Beef  
Steak and Kidney Pudding  
Quinine and Iron Tonic  
Clotted Cream  
Butter Drops  
Orange Drink  
Evaporated Milk  
Gin  
Almond Paste  
Cherry Wine  
Egg Macaroni

All the above samples were found to be genuine. One sample of Apple Juice enriched with Vitamin C, was found to be deficient in ascorbic acid and the matter was referred to the manufacturers.

### Inspection of Food Premises

A summary of types of food premises and inspections carried out is as follows:-

<u>Number of Premises</u>		<u>Number of Inspections</u>
55	Restaurants/Cafes/Snack Bars	167
320	Hotels, Boarding Houses	89
3	Holiday Camp Kitchens	10
6	Staff Canteens	12
33	Baker/Confectioners, Bakehouses	99
90	General Grocers, Greengrocers	164
29	Butchers, Cooked Meats	96
5	Ice Cream Manufacturers	24
13	Fishmongers	52
7	Shellfish Dealers/Processors	25
53	Licensed Premises	44
2	Beer and Mineral Water Bottlers	7
9	Wines and Spirits Merchants	9
56	Confectioners	84
2	Wholesale Confectioners	5
21	Kiosks, Refreshment Huts	26
5	Mobile Shops	7
5	Fruit and Vegetable Wholesalers	5
2	Milk Depots	4
	Inspections of food delivery vehicles	30

### Other Food Premises

47 premises are registered under Section 16 of the Food and Drugs Act, 1955, for the preparation or manufacture of sausages or potted, pressed, pickled or preserved food intended for sale.

Bakehouses	10	Fish Fryers	8	Small Goods Factory	1
Butchers	24	Grocers	4		

### SHELLFISH

#### Crab meat

15 samples of crab meat were taken during the year. The results of the canned crab processed at the local factory were very satisfactory.

#### Bacteriological examination of crab meat

(Results given in thousands of organisms per gram of meat)

<u>Type of Crab meat</u>	<u>Total Count per gram</u>	<u>Bacillus Coli Non Faecal</u>	<u>Micro- cocci</u>	<u>Staph Albus</u>	<u>Staph Aureus</u>
White	260	-	260	-	-
Red	290	150	20	120	-
Red	6.5	-	6.5	-	-
White	88	25	43	20	-
Red	100	20	45	30	5
Canned	-	-	-	-	-
White	8	-	7	1	-
Red	less than 1	-	-	-	-
Red	-	-	-	-	-
White	620	20	400	200	-
White	5	-	-	-	-
*Red	less than 1	-	-	-	-
White	1,840	232	900	700	8
Red	960	200	400	360	-

The sample indicated by an asterisk was found to contain faecal coli in one tenth of a gram.

No organisms of the Enteric, Clostridia or Salmonellae groups were found in any of the samples.

### Other Shellfish

The results of the bacteriological examination of shellfish are given in the following table:

<u>Nature of Sample</u>	<u>No. Taken</u>	<u>Passed</u>	<u>Failed</u>
Cockles	8	6	2
Mussels	3	3	0
Whelks	5	2	3

No organisms of the Salmonella-dysentery group were isolated from any of these samples.

Shellfish are judged according to the Fishmongers' Company Standards and are deemed to have passed if there are less than five faecal coli per ml., of flesh and if no organisms of the Salmonella-dysentery group are isolated on culture.

## S E C T I O N   D

### MISCELLANEOUS   ACTS

#### CLEAN AIR ACT, 1956

There was no serious smoke nuisance in the area during the period under review, and minor complaints were overcome following a verbal request.

#### PET ANIMALS ACT, 1951

There are four premises licensed under the above Act.

#### RAG FLOCK ACT, 1951

Four premises are registered under the Act. No premises are licensed for the manufacture or storage of Rag Flock.

#### CONSUMER PROTECTION ACT, 1961

This replaced the Heating Appliances (Fireguards) Act, 1952, in August, 1961. Inspections have been made for the purpose of carrying out the duties of this Act.



### SHOPS ACT, 1950

The Council is responsible for the administration of the whole of the provisions of the Shops Act.

Informal action was taken in respect of the following:

Cleanse sanitary accommodation	2
Provide sufficient ventilation	2
Hours of Closing	11

There are 620 shop premises in the area, to which 260 visits were made for the purpose of the Act.

One Order made by the Devon County Council has been adopted by this Council, thus continuing a policy that has been in operation since 1912. This Order, made under Section 40, suspends the weekly half-holiday during the four months June to September.

The Council by an Order made under Section 41 of the Act substituted the hour of 9.30 p.m. for the general closing hours. The Order is applicable to part of the Urban District and is operative for the four months June to September, in each year.

### AGRICULTURE (SAFETY HEALTH AND WELFARE PROVISIONS) ACT, 1956

16 Farms were inspected under this Act and all were found to have adequate toilet arrangements.

### DISEASES OF ANIMALS (WASTE FOODS) ORDER 1957

11 premises were inspected during the year, but only three were found to be boiling swill. These three were complying with the requirements of the Order.

### PETROLEUM (REGULATION) ACTS, 1928 AND 1936

68 licences to store 356,510 gallons of petroleum were issued.

The testing of tanks in use for more than twenty years was continued. 21 such tanks were tested, one was found to be leaking and was filled with sand, the remainder were satisfactory. 1 x 3,000 and 1 x 500 gallon tanks were installed during the year.

One notice requesting the owner to fill two disused tanks with water was complied with.

Premises are visited periodically and are also visited at least once a year with the Fire Officer, who examines the fire fighting appliances and gives valuable advice on the subject of fire prevention. Licensees are requested to provide two gallon foam extinguishers in the vicinity of the storage tanks.

### EXPLOSIVES ACTS, 1875 AND 1923

#### Classification of Stores:

34 licences were issued for the storage of gunpowder and mixed explosives:

Explosives in magazine - Mode "A"	..	3
Shops for the sale of cartridges, Class 6 Division 3	..	4
Shops for the sale of fireworks, Class 7 Division 2	..	27

### S E C T I O N   E

#### FACTORIES ACTS 1937 TO 1959

#### URBAN DISTRICT OF PAIGNTON

The following is a summary of information required in respect of the year 1961. A total of 186 inspections was made in respect of 177 premises listed in the Factories Register.

#### Part 1 of the Act

#### 1. Inspections for purposes of provisions as to health

##### (i) Factories without Mechanical Power: (Sections 1,2,3,4 and 6)

Number on Register	...	...	17
Inspections	...	...	20
Written Notices	...	...	0
Occupiers prosecuted	..	...	0

##### (ii) Factories with Mechanical Power: (Section 7)

Number on Register	...	...	136
Inspections	...	...	130
Written Notices	...	...	0
Occupiers prosecuted	..	...	0

(iii) Other premises under the Act:  
(Section 7)

(Electric Stations, Institutions, Sites of Building Operations, Works of Engineering Construction, but excluding Outworkers' Premises).

Number on Register	...	...	24
Inspections	...	...	40
Written Notices	...	...	0
Occupiers prosecuted	..	...	0

2. Cases in which Defects were found

<u>Defect</u>	<u>Found</u>	<u>Remedied</u>	<u>Defects referred</u>	
			<u>to H.M. Inspector</u>	<u>by H.M. Inspector</u>
Sanitary Conveniences (S.7)				
(a) Insufficient	0	0	0	0
(b) Unsuitable or Defective	12	12	0	2
(c) Not separate for sexes	0	0	0	0

Number of cases in which prosecutions were instituted: Nil.

PART VIII OF THE ACT

Outwork

(Sections 110 and 111)

	Section 110			Section 111	
Nature of Work	No of out-workers in August list required by Section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served
(1)	(2)	(3)	(4)	(5)	(6)
Wearing) Making apparel) etc.	2	0	0	0	0
TOTAL	2	0	0	0	0

(7) There were no prosecutions.



## S E C T I O N   F

### RIPARIAN HEALTH DISTRICT OF PAIGNTON, 1961

A Report on the above District, based on the instructions of the Ministry of Health contained in Circular 33/52 and 16/55 and in Form Port 20 was submitted to the Ministry in March, 1962. A summary of this report is given below:-

No coastwise or foreign shipping entered the harbour during the year, activity being chiefly connected with local fishermen and with yachtsmen and pleasure craft.

Facilities exist for supplying boats with drinking water. Local doctors and the Hospital Service would deal with any cases of sickness and special arrangements exist for treatment of infectious illness and smallpox.

A copy of the detailed report is available for inspection at the Public Health Department.







